

February 9, 2011

ANDRY RASMUSSEN & SONS, INC.
JEFF RASMUSSEN
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Re: Description: **SEWAGE TREATMENT APPARATUS & TANK SYSTEM [SEE STA -SEWAGE TREATMENT APPARATUS] ***
Manufacturer: ANDRY RASMUSSEN & SONS, INC.
Product Name: BIO-MICROBICS MICROFAST, BIO-MICROBICS HIGH STRENGTH FAST, NIBBLER JR
Model Number(s): 2000 [TANK WITH INSERTION OF: BIO-MICROBICS 0.5, 0.9 OR 1.5 MICROFAST, OR 1.0 OR 1.5 HIGH STRENGTH FAST, OR NIBBLER JR. NFRC-002, NJRG-0002 OR NJRL-0002)

[TANK DIMENSIONS = 97 IN. L X 73 IN. W X 43 IN.; FOR MAX. BOD IN LBS./DAY AND MAINTENANCE INTERVAL FOR SPECIFIC TREATMENT UNITS SEE SEPARATE APPROVALS]
Product File No: 20110003

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of MAY2016.

This approval is contingent upon compliance with the following stipulation(s):

- The products produced by this manufacturer are approved to use the following:
 - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover or manhole in lieu of observation/vent opening.
 - Bottom pipe opening for siphon, pump and holding tanks.
 - Optional discharge opening from riser.
 - This product is approved to use Polylok II "High Pressure Seal", Press Seal "Cast-A-Seal", 4" fernco #44U-405 gasket, 4" Multi-Tite, 4" Jone-Tite SV gasket mechanical adapters for all pipe connections.
 - This product is approved to use Lead and Oakum joints for all pipe connections.
 - Tank covers may be sealed by the use of mortar or rubber butyl sealant.
 - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
- The manhole cover installed above the Nibbler Jr. must be installed so that it terminates at or above grade.
- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.

- This product must be installed in accordance with the manufacturer's printed instructions, product approval and the plan approval. If there is a conflict between the manufacturer's instructions and the plan approval, the plan approval will take precedence.
- The distance from the top of the NIBBLER, Jr. to the top of the access opening must be no more than 24 inches.
- **Also refer to the Commerce product approval stipulations for the sewage treatment apparatus, which may include: maximum daily wastewater flow, influent strength, maximum BOD5, and maintenance intervals.**
- **To determine treatment credits for residential and commercial POWTS designs, see stipulations regarding max. BOD5, DWF, approved effluent filters, etc. contained in approval letters for the specific treatment device; see <http://commerce.wi.gov/SB/SB-ProductsEvalProgram.html#Plum> .**
- **BEDDING: A minimum of 4-inch thick of sand or granular bed, properly compacted, overlying a firm uniform base is recommended. Tanks must not bear on large boulders or rock edges. Sites with silty soils, high groundwater or other poor bearing characteristics must have specifically designed bedding and bearing surfaces.**
- **BACKFILL: Place backfill material in uniform layers less than 24 inches thick. Material must be free of any large stones (greater than 3 inches diameter) or other debris.**
- Each tank that is utilized in the installation of this product must pass a water tightness test after installation. The water tightness test must comply with s. Comm. 84.25 (2) of the Wis. Adm. Code.
- This system must have an adequately sized septic tank for the design upstream of this unit.

This approval supersedes the approval issued on 1/20/2006 under product file number 20050935

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20050935.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

*** To better clarify this plumbing product, the product type description has been changed from 'sewage tank systems' (STA) to 'SEWAGE TREATMENT APPARATUS & TANK SYSTEM' (STATS). Approved levels of treatment for the inserted SEWAGE TREATMENT APPARATUS are found in the approval letter for the specific device(s).**

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

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Sincerely,

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